WIRTGEN GROUP

Wirtgen

Technical specification

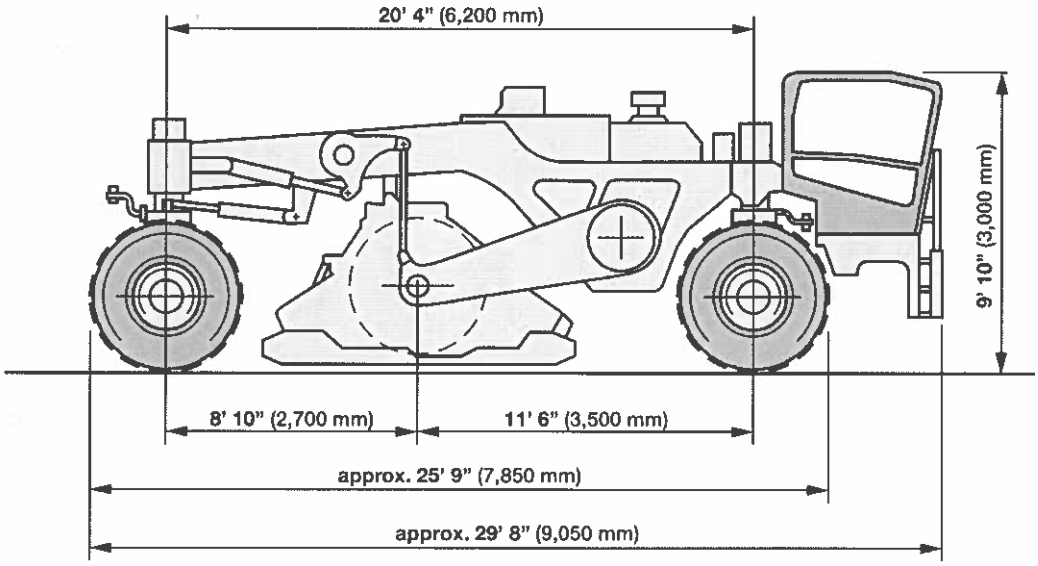
Recycler WR 2400

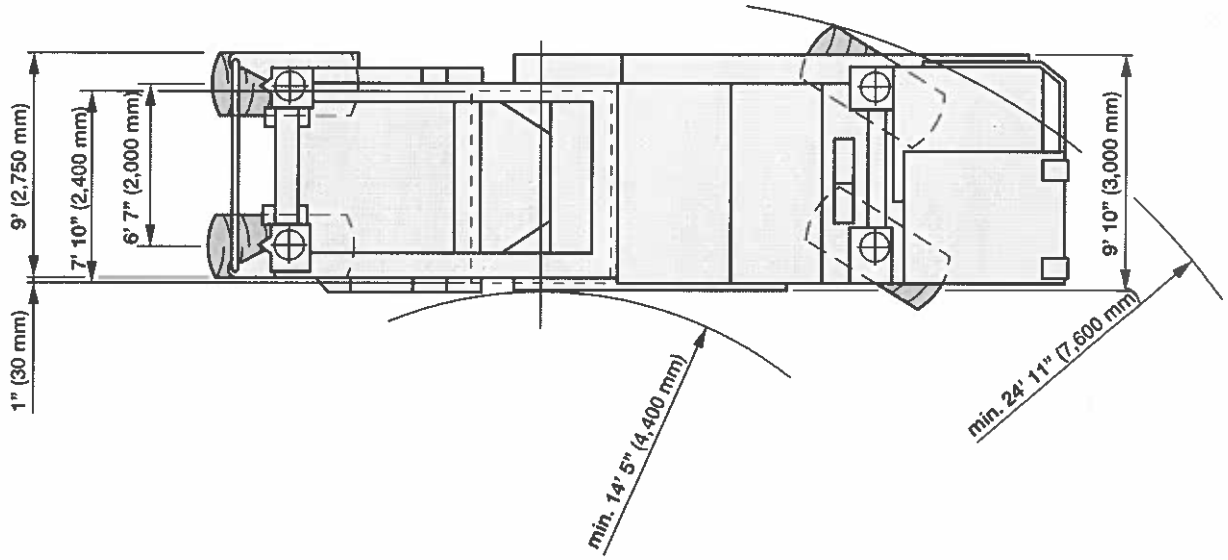
Technical specification

	Recycler WR 2400	
Working width (max.)	7' 10" (2,400 mm)	
Working depth *1	0 – 20" (0 – 500 mm)	
Milling and mixing rotor		
Tool spacing	3/4" (20 mm)	
Number of tools	186	
Drum diameter with tools	4' 10" (1,480 mm)	
Engine		
Manufacturer	Mercedes-Benz	
Type	OM 502 LA AG3	
Cooling	Water	
Number of cylinders	8	
Output	420 kW/563 HP/571 PS	
Engine speed	2,000 min^{-1}	
Displacement	969.9 in^3 (15,900 cm^3)	
Fuel consumption	26.4 gal/h (100 l/h)	
Fuel consumption, $^2/_3$ load	17.7 gal/h (67 l/h)	
Speeds / Gradeability		
1st advance speed	0 – 65.6 ft/min (0 – 20 m/min)	
2nd advance speed	0 – 131.2 ft/min (0 – 40 m/min)	
3rd advance speed	0 – 295.3 ft/min (0 – 90 m/min)	
4th advance speed	0 – 656.2 ft/min (0 – 200 m/min)	
Theoretical gradeability, max.	57 %	
Transversal inclination, max	8°	
Ground clearance	approx. 16" (400 mm)	
Weights		
Front axle load, full tanks, max.	35,274 lbs (16,000 daN (kg))	
Rear axle load, full tanks, max.	28,660 lbs (13,000 daN (kg))	
Own weight *2	56,659 lbs (25,700 daN (kg))	
Operating weight, CE *3 *2	58,422 lbs (26,500 daN (kg))	
Operating weight, full tanks	63,934 lbs (29,000 daN (kg))	
Tires		
Type of tires	Radial	
Tyre size, front / rear	28 L 26	
Tank capacities		
Fuel tank	317 gal (1,200 l)	
Hydraulic fluid tank	92.5 gal (350 l)	
Water tank	132.1 gal (500 l)	
Electrical system	24 V	
Shipping dimensions		
Truck transport dimensions (L x W x H)	29' 8" x 9' 10" x 9' 10" (9,050 x 3,000 x 3,000 mm)	
Ocean transport dimensions (L x W x H)	30' 2" x 10' 6" x 10' 6" (9,200 x 3,200 x 3,200 mm)	

*1 = The maximum working depth may deviate from the value indicated, due to tolerances and wear.
*2 = The weights refer to basic machine including operator's cabin with air conditioning, but without any other additional equipment.
*3 = Weight of machine with half-full water tank, half-full fuel tank, driver (165.3 lbs / 75 kg) and tools.

Dimensions


20' 4" (6,200 mm)
9' 10" (3,000 mm)
8' 10" (2,700 mm)
11' 6" (3,500 mm)
approx. 25' 9" (7,850 mm)
approx. 29' 8" (9,050 mm)


9' (2,750 mm)
7' 10" (2,400 mm)
6' 7" (2,000 mm)
1" (30 mm)
9' 10" (3,000 mm)
min. 14' 5" (4,400 mm)
min. 24' 11" (7,600 mm)